

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

RECEIVED
★ APR 16 1913 ★

U. S. Department of Agriculture

Issued April 15, 1913.

**UNITED STATES DEPARTMENT OF AGRICULTURE,
FOREST SERVICE.**

HENRY S. GRAVES, Forester.

April Field Program, 1913.

This program of field work and assignments in the Forest Service is issued quarterly on the 15th day of July, October, January, and April, and is for the exclusive use of members of the Service and cooperating bureaus. The names of members whose assignments are not yet fixed are necessarily omitted. All orders and other instructions printed in the Field Program will apply to all districts.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

OFFICE OF THE FORESTER.

HENRY S. GRAVES, Forester.

ALBERT F. POTTER, Associate Forester.

HERBERT A. SMITH, editor; BRISTOW ADAMS, forest assistant.

FINDLEY BURNS, in charge of technical review.

Educational cooperation, DON CARLOS ELLIS.

Proofs and forms, CLAUDE M. BALLARD.

GEORGE B. SUDWORTH, dendrologist.

EUGENE S. BRUCE, expert lumberman.

D. D. BRONSON, general inspector.

ACCOUNTS.

Division of Accounts and Disbursements (Forest Service branch).

M. E. FAGAN, chief office of accounts; E. A. MELZAR, assistant chief.

OPERATION.

JAMES B. ADAMS, assistant forester, in charge; FRANKLIN W. REED, forest inspector; GEORGE G. ANDERSON, administrative assistant.

GEOGRAPHY.—FRED G. PLUMMER, chief.

ATLAS.—G. B. BRUCE.

DRAFTING.—C. A. KOLB.

PHOTOGRAPHY.—E. S. SHIPP.

MAINTENANCE.—GEORGE A. BENTLEY, chief.

SILVICULTURE.

W. B. GREELEY, assistant forester, in charge; EARLE H. CLAPP, forest inspector; R. Y. STUART, forest inspector; AUSTIN CARY, forest examiner; FRANKLIN H. SMITH, statistician in forest products, special detail; BARRINGTON MOORE, forest plans; HARRY IRION, office assistant.

STATE COOPERATION.—J. G. PETERS, chief.

Collaborators, State cooperative fire protection under the Weeks law.—B. S. Viles, land agent and forest commissioner, Augusta, Me.; E. C. Hirst, State forester, Concord, N. H.; F. H. Billard, forester, New Hampshire Timberland Owners' Association, Berlin, N. H.; A. F. Hawes, State forester, Burlington, Vt.; F. W. Rane, State forester, Boston, Mass.; W. O. Filley, State forester, New Haven, Conn.; W. G. Howard, assistant superintendent of forests, Albany, N. Y.; C. P. Wilber, State fire warden, Trenton, N. J.; F. W. Besley, State forester, Baltimore, Md.; J. E. Barton, State forester, Frankfort, Ky.; E. M. Griffith, State forester, Madison, Wis.; Wm. T. Cox, State forester, St. Paul, Minn.; G. A. Day, State land commissioner, Boise, Idaho; F. A. Elliott, State forester, Salem, Oreg.; J. R. Welty, State forester and fire warden, Olympia, Wash.

State reports.—L. S. Murphy, J. H. Foster, and J. S. Holmes.

SILVICS.—RAPHAEL ZON, chief; S. T. DANA, assistant chief.

Studies.—E. H. Frothingham, W. D. Sterrett, C. R. Tillotson, G. N. Lamb, W. R. Mattoon, G. E. Clement.

WOOD STRUCTURE STUDIES.—C. D. MELL, in charge; W. D. Brush, Arthur Koehler, R. G. Light.

FOREST DISTRIBUTION.—W. H. LAMB, in charge; G. E. Wharton.

COMPUTING.—W. B. BARROWS.

LIBRARY.—MISS H. E. STOCKBRIDGE.

COMPILATION.—GEO. DE S. CANAVARRO; Miss E. B. Leech.

FOREST MANAGEMENT IN THE EAST.—A. W. WILLIAMSON, acting in charge.

GRAZING.

A. F. POTTER, associate forester, in charge; L. F. KNEIPP, assistant forester; WILL C. BARNES, inspector of grazing.

GRAZING STUDIES (in cooperation with F. V. Coville, botanist, Bureau of Plant Industry).—James T. Jardine, inspector of grazing, in charge, Washington, D. C.

Forage investigations.—William A. Dayton, plant ecologist, Washington, D. C.

LANDS.

JAMES B. ADAMS, assistant forester, in charge; O. C. MERRILL, chief engineer.
OCCUPANCY.—CHARLES H. SQUIRE, in charge; W. J. MANGAN, examiner.
CLAIMS.—JAMES I. PARKER in charge; F. L. HARVEY, examiner.

PRODUCTS.

W. B. GREELEY, assistant forester, in charge.

FOREST PRODUCTS LABORATORY (in cooperation with the University of Wisconsin, Madison, Wis.).—HOWARD F. WEISS, director.

H. S. BETTS and CARLILE P. WINSLOW, engineers in forest products.

Design of laboratory equipment.—ROLF THELEN.

Review of results.—WM. H. KEMPFER.

*CHEMISTRY AND DISTILLATION.—ERNEST BATEMAN, acting in charge; A. W. Schorger, F. W. Kressman, R. C. Palmer, Jacob M. Johlin, jr., Joseph P. Mehlig, Homer Cloukey.

ENGINEERING.—A. L. HEIM, in charge; Frank J. Hallauer,* James O. Bixby, O. M. Sutherland.

MAINTENANCE.—CHAS. P. JUCKEM, in charge.

PULP AND PAPER.—H. E. SURFACE, in charge; Sidney D. Wells, Charles S. Gwinn, Alexander W. Beemer.

TIMBER PHYSICS.—H. D. TIEMANN, in charge; Frederick Dunlap, Eloise Gerry, N. de W. Betts, C. T. Barnum, M. E. Diemer, Estelle Louise Jensen.

TIMBER TESTS.—JOHN A. NEWLIN, in charge; A. K. Armstrong, Thomas R. C. Wilson, Lorraine J. Markwardt.

WOOD PRESERVATION.—CLYDE H. TEESDALE, acting in charge; E. W. Peters, H. M. Mason, jr., James D. MacLean.

GROUND-WOOD-PULP LABORATORY, Wausau, Wis.—JOHN H. THICKENS, in charge; Sidney E. Lunak, G. C. McNaughton.

PATHOLOGY (in cooperation with the Bureau of Plant Industry).—C. J. HUMPHREY, in charge; Ruth E. Bates.

WOOD UTILIZATION.—O. T. SWAN, in charge, Washington, D. C. Wood Consumption Studies, R. E. Simmons, John T. Harris, Clark W. Gould, H. L. Davis, S. L. Wolfe, Washington, D. C.; E. F. Horne, New Haven, Conn.; Hu Maxwell, Chicago, Ill. Production of Lumber and Forest Products, A. H. Pierson, Washington, D. C.; A. L. Strough, Albany, N. Y. Chestnut Blight Utilization Studies, Jesse C. Nellis, H. M. Sears, C. B. Baker, Washington, D. C.

ACQUISITION OF LAND UNDER THE WEEKS LAW.

WM. L. HALL, assistant forester, in charge, Washington, D. C.

LUMBERMEN'S EXAMINATIONS.—W. W. ASHE, C. D. Cushing, E. D. Fletcher, and Geo. E. Marshall, Washington, D. C.

EXAMINATIONS OF LANDS.—W. W. ASHE, in charge, Washington, D. C., White Mountain area, J. S. Benedict, in charge, Gorham, N. H., D. W. Martin and S. H.

Thompson, forest assistants; Massanutten, Potomac, and Youghiogheny areas, E. D. Clark, forest assistant, in charge, Woodstock, Va.; Shenandoah area, S. H. Marsh, forest assistant, in charge, Washington, D. C.; Natural Bridge area, J. H. Fahrenbach, forest assistant, in charge, Natural Bridge, Va.; Monongahela area, W. A. Hopson, forest assistant, in charge, Washington, D. C.; White Top area, C. Macfarlane, forest assistant, in charge, Abingdon, Va.; Mount Mitchell area, L. L. Bishop, forest assistant, in charge, Marion, N. C., and R. J. Noyes, forest assistant; Nantahala area, R. F. Hemingway, forest assistant, in charge, Andrews, N. C., and H. L. Russell, E. M. Brunner, W. E. Barbour, K. Schmitt, J. S. Kaplan, forest assistants; Smoky Mountain area, V. Rhoades, forest examiner, in charge, Townsend, Tenn.; Pisgah area, J. J. Fritz, forest assistant, in charge, Highlands, N. C.; Savannah area, R. W. Shields, forest assistant, in charge, Clayton, Ga., and C. E. Beaumont, H. G. Spahr, E. Lindsey, and L. H. Steffens, forest assistants; Georgia area, E. V. Clark, forest examiner, in charge, Blueridge, Ga., and H. L. Johnson and J. H. Keyes, forest assistants. R. C. Hall, E. P. Bushnell, and R. P. Holdsworth, forest assistants, Washington, D. C.

SURVEY OF LANDS.—R. DIEFFENBACH, forest examiner, in charge; R. G. Merritt, forest assistant, Washington, D. C.; Potomac area, A. P. Hamilton and E. P. Whitten; Mount Mitchell area, D. M. Gibson; Nantahala area, J. Denman; Smoky Mountain area, R. E. Witt and T. A. Cox, jr.; White Mountain area, A. E. Hoxie and H. L. Tucker; Savannah area, F. A. Gardner, Leon C. Marshall, Samuel L. Chiles, Harold G. Wood; Georgia area, Wm. N. Sloan.

ADMINISTRATION OF ACQUIRED LANDS.—K. W. WOODWARD, in charge, Washington, D. C.

LAW.—Office of the Solicitor (Forest Service branch). Record examiners, M. B. Stickle, Franklin, N. C.; George E. Taylor, Bristol, Tenn.; Cameron F. MacRae, Franklin, N. C.; Alfred S. Grigg, Maryville, Tenn.; A. S. Lanier, Richmond, Va.; Clarence E. Miles, Lancaster, N. H.; Chas. E. Jones, Asheville, N. C.

DISTRICT 1.

Montana, northeastern Washington, northern Idaho, northwestern South Dakota, and southwestern North Dakota. Office, Federal Building, Missoula, Mont.

F. A. SILCOX, district forester; E. W. CRAMER, district engineer.

LAW.—Office of the Solicitor (Forest Service branch). W. C. HENDERSON, assistant to the solicitor, in charge; HAROLD H. CLARKE, assistant to the solicitor.

ACCOUNTS.—JOHN A. URBANOWICZ, district fiscal agent.

OPERATION.—J. F. PRESTON, assistant district forester; R. B. ADAMS, superintendent of telephone construction.

MAINTENANCE.—GARDNER I. PORTER.

SILVICULTURE.—D. T. MASON, assistant district forester.

TIMBER SALES.—DONALD BRUCE.

PLANTING AND SILVICS.—H. H. FARQUHAR.

S. S. J. MALVEN, insect control.

JAMES R. WEIR, consulting pathologist, Missoula, Mont.

GRAZING.—**C. H. ADAMS**, assistant district forester; **CHARLES E. FLEMING**, grazing examiner.

LANDS.—**R. H. RUTLEDGE**, assistant district forester, **JOHN D. JONES**, assistant.

EXPERIMENT STATION.

Priest River, Kaniksu National Forest.—**DONALD R. BREWSTER**, in charge, Priest River, Idaho.

FOREST INSECT FIELD STATION.

(Bureau of Entomology, Branch of Forest Insect Investigations.)

Station 1, Missoula, Mont.—**JOSEF BRUNNER**, agent and expert in charge.

NATIONAL FORESTS.

IDAHO.

Clearwater.—**CHARLES A. FISHER**, forest supervisor, Orofino (WU-Am).

Coeur d'Alene.—**ROSCOE HAINES**, acting forest supervisor, Coeur d'Alene (WU-Am); **Joseph B. Halm**, deputy forest supervisor; **W. W. Morris**, forest assistant.

Kaniksu.—See Washington.

Nezperce.—**GEORGE V. RING**, forest supervisor, Grangeville (WU-Am); **J. Arthur Brown**, deputy forest supervisor.

Pend Oreille.—**J. A. FITZWATER**, forest supervisor, Sandpoint (WU-Am, N, W).

Selway.—**FRANK A. FENN**, forest supervisor, Kooskia (WU-N); **Charles F. Howell**, deputy forest supervisor.

St. Joe.—**EDWARD A. HOLCOMB**, acting forest supervisor, St. Maries (Continental—WF); **Wilford B. Willey** and **John E. Keach**, forest assistants; **C. H. Gregory**, lumberman.

MONTANA.

Absaroka.—**JOSEPH D. WARNER**, forest supervisor, Livingston (WU-Am, N); **D. L. Beatty**, deputy forest supervisor.

Beartooth.—**GLEN A. SMITH**, forest supervisor, Billings (WU-Am, N); **Arthur H. Abbott**, deputy forest supervisor.

Beaverhead.—**C. K. WYMAN**, forest supervisor, Dillon (WU-Am).

Bitterroot.—**W. W. WHITE**, forest supervisor, Missoula (WU-Am, N); **Abbott B. Silva** and **Herbert F. Lindsay**, forest assistants.

Blackfeet.—**R. P. McLAUGHLIN**, forest supervisor, Kalispell (WU-Am, GN); **David D. Johnson**, deputy forest supervisor.

Cabinet.—**CLAUDE W. GRIFFIN**, forest supervisor, Thompson Falls (WU-Am, N); **Justin K. Dwinelle**, forest assistant.

Custer.—**GEORGE E. MARTIN**, acting forest supervisor, Miles City (WU-Am, N).

Deerlodge.—**LEWIS C. STOCKDALE**, acting forest supervisor, Anaconda (P-Am, N); **R. Trevor Ferguson**, deputy forest supervisor; **C. N. Whitney**, forest assistant.

Flathead.—**PAGE S. BUNKER**, forest supervisor, Kalispell (WU-Am, GN); **John H. Clack**, deputy forest supervisor.

- Gallatin.**—D. T. CONKLING, forest supervisor, Bozeman (WU-Am, N); Samuel R. Hays, deputy forest supervisor.
- Helena.**—J. B. SEELY, forest supervisor, Helena (WU-Am, N).
- Jefferson.**—WALLACE S. PERRINE, forest supervisor, Great Falls (WU-Am, N); Wellman Holbrook, deputy forest supervisor.
- Kootenai.**—WILLIAM A. RAYMOND, acting forest supervisor, Libby (WU-Am, GN); Webster H. Ransom and William C. Latane, forest assistants.
- Lewis and Clark.**—SCOTT LEAVITT, forest supervisor, Chouteau (WU via Collins-Am, GN via Collins).
- Lolo.**—ELERS KOCH, forest supervisor, Missoula (WU, P-Am, N); William W. Bennett, forest assistant.
- Madison.**—CLIFTON W. HUDSON, forest supervisor, Sheridan (WU-Am, N); Ernest F. Jones, forest assistant.
- Missoula.**—RUTLEDGE PARKER, forest supervisor, Missoula (WU, P-Am, N); Fay G. Clark, forest assistant.
- Sioux.**—See South Dakota.

NORTH DAKOTA.

- Dakota.**—C. A. BALLINGER, forest supervisor, Camp Crook, S. Dak. (WU via Bellefourche-Am via Bellefourche).

SOUTH DAKOTA.

- Sioux.**—C. A. BALLINGER, forest supervisor, Camp Crook (WU via Bellefourche-Am via Bellefourche).

WASHINGTON.

- Kaniksu.**—M. N. STICKNEY, forest supervisor, Newport (WU-Am, GN); Meyer H. Wolff, deputy forest supervisor.

DISTRICT 2.

Colorado, Wyoming, South Dakota, Nebraska, western Kansas, northern Michigan, and northern Minnesota. Office, Majestic Building, Denver, Colo.

SMITH RILEY, district forester; T. W. NORCROSS, district engineer.

LAW.—Office of the Solicitor (Forest Service branch). GEORGE E. TROWBRIDGE, assistant to the solicitor, in charge; J. F. LAWSON, assistant to the solicitor.

ACCOUNTS.—H. I. LOVING, district fiscal agent.

OPERATION.—FRED W. MORRELL, assistant district forester.

MAINTENANCE.—F. H. CARROLL.

SILVICULTURE.—C. M. GRANGER, assistant district forester.

PLANTING.—SEWARD D. SMITH.

SILVICS.—C. G. BATES.

CARL HARTLEY, consulting pathologist, Washington, D. C.

GRAZING.—J. W. NELSON, assistant district forester; LYNN H. DOUGLAS, grazing examiner.

LANDS.—C. J. STAHL, assistant district forester; THOS. M. MOORMAN, assistant; THEODORE SHOEMAKER, Jr., land classification.

EXPERIMENT STATIONS.

Fremont, Pike National Forest.—F. B. NOTESTEIN, Manitou, Colo.; W. D. Hays, assistant.

Wagon Wheel Gap, Rio Grande National Forest.—PETER KEPLINGER, Wagon Wheel Gap, Colo., and H. C. Jones, of the Weather Bureau.

NATIONAL FORESTS.

COLORADO.

Arapaho.—ARTHUR M. COOK, forest supervisor, Fraser (WU-Ad); Alva A. Simpson, deputy forest supervisor; Arthur T. Upson, forest assistant.

Battlement.—JOHN W. LOWELL, Jr., forest supervisor, Collbran (WU-WF, G); George Z. Mason, forest assistant.

Cochetopa.—EUGENE WILLIAMS, forest supervisor, Saguache (WU-G); Charles P. Bliss, forest assistant.

Colorado.—H. N. WHEELER, forest supervisor, Fort Collins (WU-WF); HUBER C. HILTON, forest assistant.

Durango.—ERNEST W. SHAW, forest supervisor, Durango (WU-G).

Gunnison.—WILLIAM R. KREUTZER, forest supervisor, Gunnison (WU-WF, G); W. H. Mast, forest assistant.

Hayden.—See Wyoming.

Holy Cross.—HARRY H. FRENCH, forest supervisor, Glenwood Springs (WU-WF, G); George R. Morrison, forest assistant.

La Sal.—See Utah, District 4.

Leadville.—THEODORE SHOEMAKER, forest supervisor, Leadville (WU, P-WF, G); R. E. Clark, deputy forest supervisor; J. E. Martin, forest assistant.

Montezuma.—RESS PHILLIPS, forest supervisor, Mancos (WU-G); Gordon Parker, forest assistant.

Pike.—C. W. FITZGERALD, forest supervisor, Denver (WU, P-Ad, Am, G, US, WF); W. I. Hutchinson and E. S. Keithley, forest assistants, Monument Nursery; W. Schrader, forest planting assistant, Monument.

Rio Grande.—A. L. SWEITZER, forest supervisor, Monte Vista (WU-G); Walter F. Bowers, deputy forest supervisor; Jay Higgins, forest assistant.

Routt.—J. H. RATLIFF, forest supervisor, Steamboat Springs (WU-Ad); Ray Peck, deputy forest supervisor; P. J. Paxton, forest assistant.

San Isabel.—J. N. LANGWORTHY, forest supervisor, Westcliffe (WU-G); Albin G. Hamel, forest assistant.

San Juan.—G. P. BARD, forest supervisor, Pagosa Springs (WU-G); A. F. C. Hoffman, forest assistant.

Sopris.—JOHN MCLAREN, forest supervisor, Aspen (WU-WF, G); W. G. Baxter, forest assistant.

Uncompahgre.—HOWARD S. BUSHNELL, forest supervisor, Delta (WU-G); J. H. Ramskill, forest assistant.

White River.—JAMES A. BLAIR, forest supervisor, Meeker (WU-WF, G); Crosby A. Hoar, forest assistant.

KANSAS.

Kansas.—B. R. H. D'ALLEMAND, forest supervisor, Garden City (WU, P-WF); Garden City Nursery.

MICHIGAN.

Marquette. }
Michigan. } —W. B. PIPER, forest supervisor, East Tawas (WU-Am).

MINNESOTA.

Minnesota.—G. E. MARSHALL, forest supervisor, Cass Lake (WU-Am, GN).
Superior.—LESLIE BROWNE, acting forest supervisor, Ely (WU-GN).

NEBRASKA.

Nebraska.—H. EARL FRENCH, forest supervisor, Halsey (WU-Ad); Fred R. Johnson, forest assistant; Halsey Nursery.

SOUTH DAKOTA.

Black Hills.—PAUL D. KELLETER, forest supervisor, Deadwood (WU-Ad, Am); William Wiehe, deputy forest supervisor.
Harney.—R. P. IMES, forest supervisor, Custer (WU-Ad); Richard A. Phillips and Percy T. Smith, forest assistants.

WYOMING.

Bighorn.—E. N. KAVANAGH, forest supervisor, Sheridan (WU-Ad); Andrew G. Stockwell, deputy forest supervisor; Earl S. Peirce, forest assistant.
Bonneville.—L. E. COOPER, acting forest supervisor, Dubois (WU-Am).
Bridger.—H. C. HALL, forest supervisor, Pinedale (WU-Am).
Hayden.—JAMES BLACKHALL, forest supervisor, Encampment (WU, P-Am); Roy S. Wheeler, forest assistant.
Medicine Bow.—GEO. A. DUTHIE, forest supervisor, Laramie (WU, P-Am); D. S. Jeffers, forest assistant.
Shoshone.—R. W. ALLEN, forest supervisor, Cody (WU-Ad); Fred B. Agee, deputy forest supervisor; Myron W. Thompson, forest assistant.
Sundance.—LOUIS KNOWLES, forest supervisor, Sundance (WU-Ad, Am).
Washakie.—C. G. POOLE, forest supervisor, Lander (WU-Am).

DISTRICT 3.

Arizona, Arkansas, Florida, New Mexico, and Oklahoma. Office, Luna-Otero Building, Albuquerque, N. Mex.

A. C. RINGLAND, district forester; T. W. NORCROSS, district engineer.

LAW.—Office of the Solicitor (Forest Service branch). D. F. MCGOWAN, assistant to the solicitor, in charge; J. O. SETH, assistant to the solicitor.

ACCOUNTS.—J. J. DUFFY, district fiscal agent.

OPERATION.—A. O. WAHA, assistant district forester; A. S. PECK, assistant district forester; J. F. MULLEN, forest examiner, in charge improvement and protection.

MAINTENANCE.—H. B. HAMMOND.

SILVICULTURE.—JOSEPH C. KIRCHER, forest examiner; ATHOL A. WYNNE, lumberman, in charge timber sale inspection and check-scaling, Arizona and New Mexico; QUINCY RANGLES, forest assistant, in charge timber sale inspection and check-scaling, Arkansas; P. P. PITCHLYNN, in charge reconnaissance.

GRAZING.—JOHN KERR, assistant district forester; R. R. HILL, grazing examiner.

LANDS.—FRANK C. W. POOLER, assistant district forester; M. M. CHENEY, assistant; FREDERIC WINN, in charge of land classification; RALPH C. HUEY, deputy forest supervisor in charge La Fourche land classification project on Arkansas Forest.

EXPERIMENT STATION.

Fort Valley, Coconino National Forest.—G. A. PEARSON, Flagstaff, Ariz.; Alexander J. Jaenicke, forest assistant.

NATIONAL FORESTS.

ARIZONA.

Apache.—JOHN D. GUTHRIE, forest supervisor, Springerville (WU, P-WF); Clifford W. McKibbin, forest assistant.

Chiricahua.—A. H. ZACHAU, forest supervisor, Portal, via Rodeo, N. Mex. (WU-WF).

Coconino.—WILLARD M. DRAKE, forest supervisor, Flagstaff (WU, P-WF); Thomas E. McCullough and Clarence F. Korstian, forest assistants.

Coronado.—ROBERT J. SELKIRK, forest supervisor, Tucson (WU-WF).

Crook.—T. T. SWIFT, forest supervisor, Safford (WU-WF).

Prescott.—C. H. HINDERER, forest supervisor, Prescott (WU-WF); J. C. McNelty, deputy forest supervisor.

Sitgreaves.—CHAS. H. JENNINGS, acting forest supervisor, Snowflake (WU, P-WF).

Tonto.—C. C. HALL, forest supervisor, Roosevelt (WU-WF).

Tusayan.—HAROLD GREENE, forest supervisor, Williams (WU, P-WF); Gordon T. Backus, forest assistant.

Zuni.—See New Mexico.

ARKANSAS.

Arkansas.—S. A. CHAPPELL, forest supervisor, Hot Springs (WU, P-WF, P); C. J. Heller, and Raymond E. Hopson, forest assistants.

Ozark.—FRANCIS KIEFER, forest supervisor, Harrison (WU-WF); W. F. Hill, deputy forest supervisor; L. L. Jancs and Robt. S. Wallace, forest assistants.

FLORIDA.

Florida.—I. F. ELDRIDGE, forest supervisor, Pensacola (WU, P); John W. Spencer, forest assistant.

NEW MEXICO.

Alamo.—R. F. BALTHIS, forest supervisor, Cloudcroft (WU-WF).

Carson.—ALDO LEOPOLD, forest supervisor, Tres Piedras (WU-G); Raymond E. Marsh, deputy forest supervisor.

Chiricahua.—See Arizona.

Datil.—W. H. GODDARD, forest supervisor, Magdalena (WU, P-WF); Robert L. Deering, deputy forest supervisor; H. Basil Wales, forest assistant.

- Gila.**—DON P. JOHNSTON, forest supervisor, Silver City (WU, P-WF); Ausburn H. Douglas, deputy forest supervisor; Herman Krauch and N. Curtis Case, forest assistants; Fort Bayard Nursery, H. C. Turner, forest planting assistant.
- Jemez.**—FRANK E. ANDREWS, forest supervisor, Coyote (WU-G).
- Lincoln.**—J. A. KINNEY, forest supervisor, Capitan (WU-WF).
- Manzano.**—HUGH G. CALKINS, forest supervisor, Albuquerque (WU, P-WF); J. Wilbur O'Byrne, forest assistant.
- Pecos.**—THOS. R. STEWART, forest supervisor, Cowles (WU-WF via Glorieta); Ira T. Yarnall, forest assistant; Las Gallinas Nursery, H. D. Burrall, forest examiner.
- Zuni.**—HUGH G. CALKINS, forest supervisor, Albuquerque (WU, P-WF); J. Wilbur O'Byrne, forest assistant.

OKLAHOMA.

- Wichita.**—FRANK RUSH, game warden, in charge, Cache (WU-WF).

DISTRICT 4.

Utah, southern Idaho, western Wyoming, eastern and central Nevada, and northwestern Arizona. Forest Service Building, Ogden, Utah.

E. A. SHERMAN, district forester; J. P. MARTIN, district engineer.

LAW.—Office of the Solicitor (Forest Service branch). R. F. FEAGANS, assistant to the solicitor, in charge.

ACCOUNTS.—Q. R. CRAFT, district fiscal agent.

OPERATION.—A. C. MCCAIN, assistant district forester.

MAINTENANCE.—FELIX T. MOORE.

BOUNDARIES.—R. V. R. REYNOLDS.

SILVICULTURE.—O. M. BUTLER, assistant district forester; D. F. SEERY, lumberman; D. M. LANG, scaler.

PLANTING.—J. M. FETHEROLF.

SILVICS.—E. R. HODSON.

GRAZING.—HOMER E. FENN, assistant district forester; ALFRED E. ALDOUS, grazing examiner.

LANDS.—T. C. HOYT, assistant district forester; R. E. GERY, assistant.

SUPPLY DEPOT.—A. M. SMITH, property clerk.

PROPERTY AUDIT.—J. G. FALCK, property auditor.

EXPERIMENT STATION.

Utah, Manti National Forest.—ARTHUR W. SAMPSON, in charge; Forman T. McLean, Ephraim, Utah.

NATIONAL FORESTS.

ARIZONA.

Dixie.—See Utah.

Kaibab.—JAMES L. PELTON, forest supervisor, Kanab, Utah (WU-WF).

IDAHO.

- Boise.**—E. GRANDJEAN, forest supervisor, Boise (WU-Am); M. S. Benedict deputy forest supervisor; Dana Parkinson, forest assistant.
- Cache.**—See Utah.
- Caribou.**—G. G. BENTZ, forest supervisor, Montpelier (WU-Am); L. W. Hastings, deputy forest supervisor; J. H. Hull, forest assistant.
- Challis.**—DAVID LAING, forest supervisor, Challis (WU-Am).
- Idaho.**—HERBERT GRAFF, forest supervisor, McCall (WU-P); Hubert C. Williams, deputy forest supervisor.
- Lemhi.**—C. I. HUDDLE, forest supervisor, Mackay (WU-Am); E. C. Sanford, forest assistant.
- Minidoka.**—WILLIAM MCCOY, forest supervisor, Oakley (WU-Am).
- Palisade.**—FRANK J. RYDER, forest supervisor, St. Anthony (WU-Am); C. F. Evans, forest assistant.
- Payette.**—GUY B. MAINS, forest supervisor, Emmett (WU-Am); Lawrence J. Phelan, deputy forest supervisor; Lee O. Miles and W. N. Sparhawk, forest assistants.
- Pocatello.**—J. F. BRUINS, forest supervisor, Pocatello (WU-Am); Pocatello Nursery, Arthur P. Say, forest ranger.
- Salmon.**—JOHN A. PEARSON, forest supervisor, Salmon (WU-Am); Herman Work, forest assistant.
- Sawtooth.**—C. N. WOODS, forest supervisor, Hailey (WU-Am); Herbert G. McPeters, deputy forest supervisor; Samuel B. Locke, deputy forest supervisor.
- Targhee.**—CHESTER B. MORSE, forest supervisor, St. Anthony (WU-Am); Charles A. Beam, deputy forest supervisor; S. S. Stewart and J. W. Stokes, forest assistants.
- Weiser.**—J. B. LAFFERTY, forest supervisor, Weiser (WU-Am); W. M. Campbell, deputy forest supervisor; A. E. Oman, forest assistant.

NEVADA.

- Humboldt.**—S. B. ARTHUR, forest supervisor, Gold Creek (WU-WF).
- Moapa.**—THOMAS J. COLLINS, forest supervisor, Austin (WU-Am).
- Nevada.**—GEO. C. THOMPSON, forest supervisor, Ely (WU-WF); W. B. Rice, forest assistant.
- Ruby.**—JAMES M. RYAN, forest supervisor, Lamoille (WU-WF).
- Santa Rosa.**—W. W. BLAKESLEE, forest supervisor, Paradise.
- Toiyabe.**—THOMAS J. COLLINS, forest supervisor, Austin (WU, P-WF); R. D. Garver, forest assistant.

UTAH.

- Ashley.**—W. M. ANDERSON, forest supervisor, Vernal (WU-WF); Lester E. Hitchcock, forest assistant.
- Cache.**—CLINTON G. SMITH, forest supervisor, Logan (WU-Am); J. W. Humphrey, deputy forest supervisor; E. C. Shepard, forest assistant.
- Dixie.**—JOHN RAPHAEL, forest supervisor, St. George (WU-WF).
- Fillmore.**—ERNEST WINKLER, forest supervisor, Beaver (WU-WF).

Fishlake.—CARL B. ARENTSON, forest supervisor, Salina (WU-WF); D. A. Arrivee, forest assistant.

La Sal.—HENRY A. BERGH, forest supervisor, Moab (WU-WF).

Manti.—A. W. JENSEN, forest supervisor, Ephraim (WU-WF); B. E. Mattsson, deputy forest supervisor; J. C. Roak, forest assistant.

Minidoka.—See Idaho.

Nebo.—DAN S. PACK, forest supervisor, Nephi (WU-WF).

Pocatello.—See Idaho.

Powell.—GEO. H. BARNEY, forest supervisor, Escalante (WU-WF).

Sevier.—O. C. SNOW, forest supervisor, Panguitch (WU-WF).

Uinta.—W. I. PACK, forest supervisor, Provo (WU-WF); J. Carl Allred, deputy forest supervisor; Nils B. Eckbo, forest examiner; Uinta Nursery, Asa L. Brower, and F. S. Baker, forest assistants.

Wasatch.—E. H. CLARKE, forest supervisor, Salt Lake City (WU, P-Am, WF); S. E. Bower, forest assistant; Wasatch Nursery, N. J. Fetherolf, forest planting assistant.

WYOMING.

Ashley.—See Utah.

Caribou.—See Idaho.

Palisade.—See Idaho.

Targhee.—See Idaho.

Teton.—R. E. MILLER, forest supervisor, Jackson (WU-Am); H. B. Maris, forest assistant.

Wyoming.—JAMES E. JEWELL, forest supervisor, Afton (WU-Am); John E. Ingram and R. A. Stretch, forest assistants.

DISTRICT 5.

California and southwestern Nevada. Office, First National Bank Building, San Francisco, Cal.

COERT DUBOIS, district forester; F. H. FOWLER, district engineer; J. LEROY MATHIAS, assistant to district engineer; CLARENCE WILEY, inspector of records.

LAW.—Office of the Solicitor (Forest Service branch). H. P. DECHANT, assistant to the solicitor, in charge; MAURY CURTIS, assistant to the solicitor.

ACCOUNTS.—A. W. SMITH, district fiscal agent.

OPERATION.—ROY HEADLEY, assistant district forester; WM. C. HODGE, Jr., inspector of fire-protection plans.

MAINTENANCE.—T. M. KENNEDY.

SILVICULTURE.—T. D. WOODBURY, assistant district forester; SWIFT BERRY, forest examiner; J. C. ELLIOTT, lumberman.

LOUIS MARGOLIN, forest examiner, reconnaissance.

SILVICS.—J. A. MITCHELL and L. T. LARSEN, forest assistants.

RALPH HOPPING, forest examiner, insect control.

E. P. MEINECKE, consulting pathologist; J. S. BOYCE, scientific assistant, San Francisco, Cal.

GRAZING.—JOHN H. HATTON, assistant district forester.

LANDS.—L. A. BARRETT, assistant district forester; CHAS. S. BROTHERS, assistant; land classification—S. N. STONER, forest examiner, in charge of district; J. O. MORROW and P. L. DAY, forest examiners in charge of field parties.

PRODUCTS.—C. STOWELL SMITH, assistant district forester, in charge; C. A. KUPFER, forest assistant; PERCY R. HICKS, engineer in forest products.

EXPERIMENT STATION.

Feather River, Plumas National Forest.—HAROLD H. GREENAMYRE, forest assistant, in charge, Quincy, Cal.

FOREST INSECT FIELD STATION.

(Bureau of Entomology, Branch of Forest Insect Investigations.)

Station 5, Placerville, Cal.—H. E. BURKE, entomological assistant, in charge.

NATIONAL FORESTS.

CALIFORNIA.

Angeles.—R. H. CHARLTON, forest supervisor, Los Angeles (WU, P-WF); Edward N. Munns, forest assistant, San Bernardino.

California.—D. P. GODWIN, forest supervisor, Willows (P-WF); B. H. Mace, deputy forest supervisor; S. W. Strothman, forest assistant.

Cleveland.—DAVID G. KINNEY, forest supervisor, San Diego (WU, P-WF).

Eldorado.—EVAN W. KELLEY, forest supervisor, Placerville (WU-WF); George W. Lyons, forest assistant.

Inyo.—A. H. HOGUE, forest supervisor, Bishop (WU-WF); Chas. H. Edwards, forest assistant.

Kern.—W. J. RUSHING, forest supervisor, Bakersfield (WU-WF); Neal T. Childs, forest assistant.

Klamath.—W. B. RIDER, forest supervisor, Yreka (WU-WF); J. R. Hall, deputy forest supervisor; Douglas K. Noyes, forest assistant.

Lassen.—L. A. H. KLING, forest supervisor, Red Bluff (P-WF); Shirley W. Allen, forest examiner; R. H. Boerker, forest assistant.

Modoc.—C. E. RACHFORD, forest supervisor, Alturas (P-WF); Vernon L. Bonner, deputy forest supervisor; Belknap C. Goldsmith, forest assistant.

Mono.—See Nevada.

Monterey.—N. H. SLOANE, acting forest supervisor, Arbolado (WU, Monterey-WF, Monterey).

Plumas.—D. N. ROGERS, forest supervisor, Quincy (WU, Keddie, Cal.-G); W. G. Durbin, deputy forest supervisor; R. S. Maddox and George R. Orr, forest assistants; Patrick Kennedy, lumberman, reconnaissance.

Santa Barbara.—W. M. SLOSSON, forest supervisor, Santa Barbara (P-WF); H. G. Merrill, deputy forest supervisor; W. M. Moore, forest assistant.

Sequoia.—ALLAN B. PATTERSON, forest supervisor, Hot Springs, Tulare County (WU via Ducor-WF); S. W. Wynne, deputy forest supervisor.

Shasta.—R. F. HAMMATT, forest supervisor, Sisson (P-WF); M. R. Tillotson, deputy forest supervisor; Stewart B. Show and Edward I. Kotok, forest assistants; J. T. Noddin, forest ranger, timber trespass; Pilgrim Creek Nursery, Fred W. Graham, assistant forest ranger, in charge, McCloud.

Sierra.—P. G. REDINGTON, forest supervisor, Northfork (WU via Friant-WF, Friant); M. A. Benedict, deputy forest supervisor; Ernest G. Dudley and Cary Hill, forest assistants; C. H. Ensign, lumberman, reconnaissance.

Stanislaus.—R. W. AYRES, forest supervisor, Sonora (WU-WF); T. C. West, deputy forest supervisor; J. V. Wulff, forest assistant.

Tahoe.—R. L. P. BIGELOW, forest supervisor, Nevada City (WU-WF); M. B. Pratt, deputy forest supervisor; K. Mills, Reese W. Taylor, and William H. Gallaher, forest assistants.

Trinity.—W. A. HUESTIS, forest supervisor, Weaverville (WU-WF); J. D. Coffman, deputy forest supervisor; Ernst V. Jotter and O. M. Evans, forest assistants.

NEVADA.

Eldorado.—See California.

Inyo.—See California.

Mono.—WM. M. MAULE, forest supervisor, Gardnerville (WU-WF); F. A. Wegner, forest assistant.

Tahoe.—See California.

DISTRICT 6.

Washington, Oregon, and Alaska. Office, Beck Building, Portland, Oreg.

GEO. H. CECIL, district forester; PHILIP H. DATER, district engineer.

LAW.—Office of the Solicitor (Forest Service branch). W. F. STALEY, assistant to the solicitor, in charge; EARL C. ARNOLD, assistant to the solicitor.

ACCOUNTS.—A. H. COUSINS, district fiscal agent.

OPERATION.—C. H. FLORY, assistant district forester.

MAINTENANCE.—SHIRLEY BUCK.

SILVICULTURE.—F. E. AMES, assistant district forester; C. S. JUDD, assistant district forester; W. H. GIBBONS, investigation of logging costs; W. T. ANDREWS, lumberman; EDWIN C. ERICKSON and L. A. NELSON, scalers.

PLANTING.—J. F. KÜMMEL.

SILVICS.—T. T. MUNGER.

STUDIES.—E. J. Hanzlik, R. M. Evans, J. F. Pernot, Portland.

GRAZING.—T. P. MACKENZIE, assistant district forester.

LANDS.—C. J. BUCK, assistant district forester; land classification, J. ROY HARVEY, in charge; A. T. STRAHORN and T. D. RICE, soil experts; A. H. WRIGHT, in charge Cowlitz project; ASHER IRELAND, in charge Hebo project.

PRODUCTS.—H. B. OAKLEAF, in charge; C. W. Dunning, Portland; O. P. M. Goss, C. W. Zimmerman, H. P. Wyckoff, Cornelius Barry, Seattle, Wash.

FOREST INSECT FIELD STATION.

(Bureau of Entomology, Branch of Forest Insect Investigations.)

Station 6, Ashland, Oreg.—W. D. EDMONSTON, entomological assistant, in charge.

NATIONAL FORESTS.

ALASKA.

- Chugach.**—W. G. WEIGLE, forest supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); Thos. M. Hunt, deputy forest supervisor; Bruce Hoffman, forest assistant.
Tongass.—W. G. WEIGLE, forest supervisor, Ketchikan (SC, U. S. A., WU-AP, Am); S. S. Swenning, deputy forest supervisor.

CALIFORNIA.

- Crater.**—See Oregon.
Siskiyou.—See Oregon.

OREGON.

- Cascade.**—C. R. SEITZ, forest supervisor, Eugene (WU, P-WF).
Crater.—M. L. ERICKSON, forest supervisor, Medford (WU, P-WF); H. D. Foster, William E. White, and O. W. Hodgman, forest assistants.
Deschutes.—MELVIN L. MERRITT, forest supervisor, Bend (WU, PT & T-GN).
Fremont.—GILBERT D. BROWN, forest supervisor, Lakeview (WU via Reno, Nev.-P, WF); Nelson J. Billings, deputy forest supervisor; Norman G. Jacobson, forest assistant.
Klamath.—See California.
Malheur.—CY. J. BINGHAM, forest supervisor, John Day (WU via Baker City-Am, WF via Baker City); D. B. Reynolds, deputy forest supervisor.
Minam.—H. W. HARRIS, forest supervisor, Wallowa (WU-Am); Ephraim Barnes, deputy forest supervisor.
Ochoco.—HOMER ROSS, forest supervisor, Prineville (WU, PT & T-Am); Allen Hodgson, deputy forest supervisor.
Oregon.—T. H. SHERRARD, forest supervisor, Portland (WU, P-Am, WF, N); Ralph S. Shelley, deputy forest supervisor; W. B. Osborne, forest assistant.
Paulina.—W. W. CRYDER, forest supervisor, Crescent (WU, PT & T-Ad, GN via Opal City).
Santiam.—F. H. BRUNDAGE, forest supervisor, Albany (WU, P-WF).
Siskiyou.—N. F. MACDUFF, forest supervisor, Grants Pass (WU, P-WF); H. Haefner, forest assistant.
Siuslaw.—A. E. COHOON, forest supervisor, Eugene (WU, P-WF); David E. Fitton, deputy forest supervisor; H. M. Johnson, forest assistant.
Umatilla.—HUGH B. RANKIN, forest supervisor, Heppner (WU, P-AM); G. A. Bright, forest assistant.
Umpqua.—S. C. BARTRUM, forest supervisor, Roseburg (WU, P-WF); George Bonebrake, deputy forest supervisor; Arthur Kerr, forest assistant.
Wallowa.—H. W. HARRIS, forest supervisor, Wallowa (WU-Am).
Wenaha.—See Washington.
Whitman.—HENRY IRELAND, forest supervisor, Sumpter (WU via Baker City-Am, WF via Baker City); E. H. McDaniels, deputy forest supervisor; B. Frank Heintzleman, Lawrence Pagter, and Hamilton M. Coan, forest assistants.

WASHINGTON.

- Chelan.**—G. W. MILHAM, forest supervisor, Chelan (PT & T-Am, GN via Wenatchee).

- Columbia.**—H. O. STABLER, forest supervisor, Portland, Oreg. (WU, P-Am, WF, N); W. W. G. Hastings, deputy forest supervisor; A. R. Wilcox, Lage Wernstedt, and C. P. Willis, forest assistants.
- Colville.**—C. C. REID, forest supervisor, Republic (WU, P-Am, GN); F. W. Cleator, deputy forest supervisor; Edward W. Headsten, forest assistant.
- Okanogan.**—H. M. HALE, forest supervisor, Okanogan (PT & T-Am, GN via Wenatchee); V. V. Harpham, deputy forest-supervisor.
- Olympic.**—R. L. FROMME, forest supervisor, Olympia (WU, P-Am, GN, N); A. A. Parker, deputy forest supervisor.
- Rainier.**—G. F. ALLEN, forest supervisor, Tacoma (WU, P-Am, N); P. T. Harris, deputy forest supervisor.
- Snoqualmie.**—STANTON G. SMITH, forest supervisor, Seattle (WU, P-N, GN, WF); Lewis A. Treen, jr., deputy forest supervisor; Walter H. Leve and Alexander G. Jackson, forest assistants.
- Washington.**—C. H. PARKS, forest supervisor, Bellingham (WU, P-Am, GN, N).
- Wenaha.**—J. M. SCHMITZ, forest supervisor, Walla Walla (WU-Am, N).
- Wenatchee.**—A. H. SYLVESTER, forest supervisor, Leavenworth (WU-Am, GN); E. J. Fenby, forest assistant.

SERVICE CHANGES.

APPOINTED.

PRODUCTS.—Laboratory: Homer Cloukey and Alexander W. Beemer, assistant chemists in forest products.

ACQUISITION.—Louis H. Steffens and Eugene L. Lindsey, forest assistants; Samuel L. Chiles and Ernest P. Whitten, examiners of survey; George E. Marshall, timber estimator.

DISTRICT 1.—Operation: Assistant forest rangers—Emerson L. Yeager, Bitterroot; Percy B. Evans, Helena; John S. Paddock, Madison; Agnes Carter, clerk (stenographer and typewriter), Blackfoot; Lulu Mutschlechner, clerk (stenographer and typewriter), Kaniksu; Forest clerks—William M. Noble, Cabinet; Duane K. Lewis, Helena; Everard S. Hoek, Madison; David T. Noren, clerk, Kootenai. District office: Vina Sadler and Eunice E. Shearer, clerks (stenographers and typewriters).

DISTRICT 2.—Operation: Clerks (stenographers and typewriters)—Theresa A. Brady, Kansas; Charles B. Pool, Nebraska; Orpha U. Bartz, Routt; Aouida K. Wood, Sundance; forest clerks—John T. Brattin, Holy Cross; Raymond B. Morris, Montezuma; assistant forest rangers—Bertram A. Goodman and George M. Trickel, Arapaho; Hal L. Stults, Frank Tower, and Martin P. Wilson, Black Hills; Lewis L. Segur, Routt.

DISTRICT 3.—Operation: Assistant forest rangers—W. Eugene Goode, Datil; Louis Vernon Slonaker, Florida; Percy L. Bonebrake, Gila; Alfred W. Mullan, Alamo; Kenner C. Kartchner, Sitgreaves; Fred Merkle, Wichita; Elsie C. Myers, clerk (typewriter), district office; John Garcin, clerk, Coconino; M. Uva Pirkey, clerk (typewriter), Pecos. Silviculture: Jennie V. Watkins, clerk (typewriter), district office. Lands: Morton M. Cheney, clerk, district office.

DISTRICT 4.—Operation: David A. Arrivee, forest assistant, Fishlake; clerks (stenographers and typewriters)—Antoinette Landgraf, district office; Inez M. Soule, Palisade; Olive Stevenson, Santa Rosa.

DISTRICT 5.—Charles R. Adams, hydroelectrical engineer; Winifred E. Wiekland, clerk (stenographer and typewriter), district office. Elizabeth A. Shepherd, clerk (typewriter), Angeles; Tipton E. Evans, forest clerk, Kern; Edward A. Shipsey, clerk (stenographer and typewriter), Kern; Frank A. Wegner, forest assistant, Mono; Frank A. Johnson, clerk (stenographer), Plumas; Roy R. Marsh, forest clerk, Sequoia; William E. Harris, clerk (stenographer and typewriter), Stanislaus.

DISTRICT 6.—District office: Philip H. Dater, hydraulic electrical engineer. Operation: Will J. Sproat, forest assistant, Deschutes; Lehi C. Pratt, clerk, Malheur; Theo. F. Rixon, scaler, Olympic. Products: Harry K. Benson, agent, Seattle Laboratory.

RESTORED TO THE ROLLS.

DISTRICT 1.—Operation: Assistant forest rangers—George A. Bignell, Blackfeet; Magnus J. Durant, Clearwater; Howard Drake, Coeur d'Alene; Charles A. Newman, Custer; Winston K. Harris, Deerlodge; Charles Larson, Helena; Malcolm K. Kedzie, Kootenai; Price Townsend, Lewis and Clark; Louis H. Foote, Lolo; Joseph W. Collette, forest clerk, Lolo. District office: Charles H. Adams, assistant district forester.

DISTRICT 2.—Operation: Assistant forest rangers—Henry H. McCrary, Black Hills; Neil Campbell, Durango.

DISTRICT 3.—Operation: Lillian M. Sutherland, clerk, Carson; Clarence F. Korstian, forest assistant, Coconino.

DISTRICT 4.—Operation: Assistant forest rangers—Matthew Bowers, Manti; Marion E. Mahoney, Salmon; Elmer E. McGinniss, Weiser.

DISTRICT 5.—Operation: John T. Noddin, forest ranger, Shasta; assistant forest rangers—Howard Hufford, Albert W. Bramhall, and Edmund M. Hufford, Lassen; Francis D. Bucklew and Ivan A. Cuff, Trinity; William H. Gallaher, forest assistant, Tahoe.

DISTRICT 6.—Operation: Lawrence B. Pagter, forest assistant, Whitman; assistant forest rangers—Raymond H. Thompson, Colville; Wm. Raithel, Olympic; Herman N. Wallace, Siskiyou; Clarence Anderson, Snoqualmie; Lovell E. Tipton, Umatilla; John C. Kuhns, Umpqua; John S. Brender, Wenatchee; Chas. F. Groom, Whitman. Products: Halsey P. Wyekoff, assistant engineer in forest products, Seattle Laboratory.

REINSTATED.

DISTRICT 1.—Operation: Harry C. Hockett, assistant forest ranger, Lolo; Walter A. Donaldson, forest ranger, St. Joe.

DISTRICT 4.—Operation: Effie Jensen, forest clerk, Cache.

DISTRICT 6.—Operation: Chas. C. Hon, forest ranger, Oregon; James McKenzie, assistant forest ranger, Chelan.

CHANGE IN DESIGNATION.

DISTRICT 1.—Operation: Charles A. McElroy, expert in mining claims to land examiner.

DISTRICT 2.—Operation: David C. Montgomery, jr., forest ranger to clerk, White River.

DISTRICT 3.—Operation: James F. Mullen, from deputy forest supervisor to forest examiner, district office.

DISTRICT 4.—Operation: Nils B. Eckbo, forest agent to forest assistant, Uinta.

DISTRICT 5.—District office: Frederick H. Fowler, hydroelectrical engineer to district engineer. Lands: James O. Morrow, deputy forest supervisor to forest examiner, assigned to lands classification work. Products: Percy R. Hicks, engineer in wood preservation to engineer in forest products.

DISTRICT 6.—Products: Joseph B. Knapp, assistant district forester to engineer in timber tests, district office.

TRANSFERRED.

DISTRICT 1.—Operation: Forest assistants transferred to reconnaissance—Waldo D. Barlow, Charles R. Clark, John C. De Camp, Henry W. de Nancrede, Richard C. Eggleston, James R. Gillis, H. J. A. Grossman, Alfred B. Hastings, John C. Kettridge, J. A. Larsen, Frederick R. Mason, Talmage E. Miller, Carl M. Stevens, Kenneth D. Swan, and James C. Whitham; Frank J. Mosher, forest assistant, from District 3 to reconnaissance, District 1; Charles F. Howell, deputy forest supervisor, from Pend Oreille to Selway; George E. Martin, deputy forest supervisor, from Beaverhead to Custer; Dorr Skeels from forest supervisor, Kootenai, to district office.

DISTRICT 2.—Louis V. Woulfe, clerk, district office to Washington. Operation: Forest supervisors—C. M. Granger, Medicine Bow to district office; H. N. Wheeler, District 5 to District 2 (Colorado); deputy forest supervisors—Geo. A. Duthie, Pike to Medicine Bow; Rolland A. Stretch, Medicine Bow to District 4; R. B. Adams, superintendent of telephone construction, District 1 to district office; Margaret N. Hendricks, clerk (stenographer and typewriter), Routt to district office; B. M. Shoemaker, forest clerk, Holy Cross to Leadville; assistant forest rangers—J. M. Dougherty, District 5 to District 2 (Colorado); Harry P. Reifsneider, District 3 to District 2 (Superior); Calvin A. Dahlgren, Superior to District 1. Silviculture: Forest assistants—F. B. Notestein, Fremont Station to Wagon Wheel Gap Station; E. S. Keithley, Durango to Pike; M. J. Sweeney, Rio Grande to San Juan; Percy T. Smith, Harney to Black Hills.

DISTRICT 3.—Accounts: Charles C. Carr, clerk, from Carson to district office. Operation: Paul P. Pitchlynn, deputy forest supervisor, from Gila to district office; Harry P. Reifsneider, assistant forest ranger, from Gila to District 2; Fred Merkle, assistant forest ranger, from Wichita to Zuni. Silviculture: Oliver F. Bishop, forest assistant, from Jemez to district office. Lands: Frederic Winn, deputy forest supervisor, from Apache to district office; Lee A. Harris, deputy forest supervisor, from Sitgreaves to district office.

DISTRICT 4.—Operation: Lucas W. Hastings, deputy forest supervisor, Palisade to Caribou; Rolland A. Stretch, forest assistant, District 2 to Wyoming; William Swan, forest ranger, Idaho Land Exchange to Salmon; Wallwin T. Job, assistant forest ranger, Challis to Humboldt; August A. Schroeder, assistant forest ranger, Idaho Land Exchange to Salmon; Mary M. Childs, clerk (land law), District 4 to District 7; Veronica Tegethoff, clerk, Santa Rosa to District 7.

DISTRICT 5.—Operation: Beatrice Boreman, clerk (typewriter), district office to Washington; Ernest B. Long, forest ranger, Shasta to Angeles; Frank Helfrich, forest ranger, Shasta to Monterey; Howard A. Thrall, Angeles to lands classification, district office; Jefferson M. Dougherty, assistant forest ranger, Trinity to District 2.

Products: Geo. M. Hunt, assistant chemist in forest products, district office to District 6.

DISTRICT 6.—Operation: Samuel S. Swenning, deputy forest supervisor, Crater to Tongass; H. E. Newman, assistant forest ranger, Columbia to Santiam; Edwin J. Fenby, forest assistant, Wenatchee to Rainier; Harold E. Smith, assistant forest ranger, Columbia to Deschutes; Asher Ireland, forest ranger, Umpqua to district office; Adam H. Wright, forest ranger, Colville to district office. Products: George M. Hunt, assistant chemist in forest products, District 5 to District 6, Seattle Laboratory.

PROMOTED IN RANK.

PRODUCTS.—Laboratory: Howard F. Weiss, from assistant director to director.

DISTRICT 2.—Operation: C. M. Granger, forest supervisor to assistant district forester; Geo. A. Duthie, deputy forest supervisor to forest supervisor, Medicine Bow; Leslie M. Brownell, forest ranger to deputy forest supervisor, Superior; assistant forest rangers to forest rangers—D. Kirk Shaw, White River; J. M. Dougherty, Holy Cross. Silviculture: Forest assistants to forest examiners—C. G. Bates, J. H. Potts, and Seward D. Smith, district office; F. B. Notestein and Peter Keplinger, Wagon Wheel Gap Experiment Station; Arthur T. Upson, Arapaho; Charles F. Bliss, Cochetopa; Roy S. Wheeler, Hayden; Jas. E. Martin, Leadville; W. I. Hutchinson, Pike; Jay Higgins, Rio Grande; Percy J. Paxton, Routt; Albin H. Hamel, San Isabel; J. H. Ramskill, Uncompahgre; Crosby A. Hoar, White River.

DISTRICT 3.—Operation: Assistant forest rangers to forest rangers—Don S. Sullivan, Chiricahua; Charles H. Kissam, Gila; Ben F. Vaughan, Ozark; William R. Ashurst, Sitgreaves; Robert R. Moak, Zuni; Paul P. Pitchlynn, forest ranger to deputy forest supervisor, district office.

DISTRICT 4.—Operation: Ernest Winkler, deputy forest supervisor, Manti, to forest supervisor, Fillmore; Bernard E. Mattson, forest ranger, Fishlake, to deputy forest supervisor, Manti; George G. Henderson, assistant forest ranger to forest ranger, Pocatello.

DISTRICT 5.—Operation: Frank P. Cunningham, forest ranger, Shasta, to deputy forest supervisor, Kern; Harry R. Powers, assistant forest ranger to forest ranger, Shasta.

LEAVE WITHOUT PAY.

DISTRICT 1.—Operation: Assistant forest rangers—George A. Perry, Beartooth; Percy Knowles and Winthrope H. Young, Bitterroot; Magnus J. Durant, Clearwater; Howard Drake, Coeur d'Alene; Winston K. Harris, Deerlodge; Ralph J. Eveleth, Jefferson; Ray R. Fitting, Selway; Samuel J. Emswiler and David F. McGill, Sioux; Chester N. Whitney, forest assistant, Deerlodge.

DISTRICT 2.—Operation: Assistant forest rangers—Guy E. Tefft, Durango; Jesse L. Trickle, Gunnison.

DISTRICT 3.—Operation: Forest rangers—Robert F. Rhinehart, Datil; Jay L. B. Taylor, Prescott; assistant forest rangers—Jennings D. McLeod, Ozark; Osmer D. Flake, Sitgreaves.

DISTRICT 5.—Operation: James V. Seaman, assistant forest ranger, Angeles; Arthur W. Bartlett, deputy forest supervisor, California.

DISTRICT 6.—Operation: Assistant forest rangers—Ernest Jameson, Okanogan; John D. Holst, Crater; Joseph H. Prout, Oregon; Theo. F. Rixon, expert, Olympic; Warren M. Cooper, forest ranger, Olympic.

FURLOUGHED.

DISTRICT 1.—Operation: Assistant forest rangers—Walter F. Gilliam, Bitterroot; Charles A. Newman, Custer; Armon E. Havens, Ray I. Trueman, and Ellis B. Hoke, Flathead; Charles Larson, Helena; Thomas E. Herrington, Kootenai; Joe M. Taylor, Missoula.

DISTRICT 2.—Operation: Assistant forest rangers—Henry H. McCrary, Harney; Robert K. Potter, White River. Silviculture: Stephen V. Klem, forest assistant, Harney.

DISTRICT 4.—Operation: Assistant forest rangers—Charles A. Chitwood, Idaho; J. Robert Logan, Targhee.

DISTRICT 6.—Operation: Forest assistants—Edward W. Headsten, Colville; Hamilton M. Coan and Lawrence B. Pagter, Whitman; assistant forest rangers—Wm. Raithel and Herman N. Wallace, Siskiyou; Ernest J. Moore, Snoqualmie.

RESIGNED.

ACQUISITION.—Daniel W. Adams, lumberman.

PRODUCTS.—Laboratory: Lee F. Hawley, chemist in forest products; Francis S. Bond, engineer in forest products.

DISTRICT 1.—Operation: Forest assistants—Warren F. Hale, Absaroka; Aretas A. Saunders, Lewis and Clark; clerks (stenographers and typewriters)—Mayme L. Schmidt, Clearwater; Albert H. Sundahl, Pend Oreille; Mayme E. Butler and Lelah Marquette, district office; clerks—Emily Perrine, Jefferson; Walter R. Otis, Kootenai; Ella L. Martin, Nezperce; Harry C. Schick, forest ranger, Lewis and Clark; Francis G. Gregory, forest clerk, Lolo; Charles H. Ruth, draftsman (topographic), district office; assistant forest rangers—William H. Morse, Beartooth; Charles A. Strodbeck, Blackfeet; George W. Burke, Coeur d'Alene; James D. Shy, Custer; John Frey, Helena; Samuel A. Kittams and Alva J. Vinton, Jefferson; George B. Rowe, Madison; Edmund C. Johnson, St. Joe. Silviculture: Howard A. Green, forest assistant.

DISTRICT 2.—Operation: H. A. E. Marshall, forest supervisor, Colorado; forest clerks—John T. Brattin, Holy Cross; Walter A. Wood, Montezuma; Mary L. Fopless, clerk (stenographer and typewriter), Rio Grande; assistant forest rangers—Phil K. Stephens, district office; Jesse E. Wolfe, Arapaho; Felix Newton, Black Hills; John F. Felter, Cochetopa; Walter I. Mickey, Hayden; John B. Green, Holy Cross; Samuel J. Sease, Montezuma; Reese L. Lee, Rio Grande; Harvey C. Hurd, Routt; Clifford T. Adams, Sundance. Silviculture: Sydney L. Moore, assistant district forester, district office; forest assistants—Harold C. Clark, Bighorn; Wm. H. Mast, Gunnison.

DISTRICT 3.—Operation: Roseoe G. Willson, forest supervisor, Tonto; Charles W. Craig, clerk (stenographer and typewriter), Sitgreaves; forest clerks—George L. Leboeuf, Crook; Glen W. Dickinson, Florida; Charles J. Wohlken, Zuni; forest rangers—Guy Brewer, Arkansas; Cecil R. C. Reindorp, Gila; Claude Thompson, Coconino; assistant forest rangers—Drue Underwood, Apache; William P. Lawson,

Arkansas; Alexander G. Browne, Florida; Ralph L. Bateman, Prescott; Lafayette A. Phillips, Tusayan; George A. Reed, Tusayan; William C. Roderus, Prescott. Silviculture: Arthur B. Reeknagel, assistant district forester, district office; John H. Allison, forest examiner; Oliver F. Bishop, forest assistant.

DISTRICT 4.—Accounts: Pearl Mole, clerk (typewriter). Operation: Forest supervisors—William Hurst, Fillmore; C. Sydney Tremewan, Humboldt; Julian E. Rothery, Idaho; forest rangers—Albert Tuft, Fishlake; James D. McCall, Idaho; assistant forest rangers—Henry K. Lewis, Boise; Maurice B. Cross, Humboldt; Robert W. Strong, La Sal; Truman R. Peters, Minidoka; William Louderbough, Payette; forest clerks—Alfred P. Larson, Humboldt; Waldo C. Neil, Palisade. Property audit: Mac E. Williams, clerk (stenographer and typewriter).

DISTRICT 5.—Walter L. Huber, hydroelectrical engineer, district office. Operation: Edith M. Helgesson, clerk (stenographer and typewriter), district office; James A. Bristol, clerk (stenographer and typewriter), Stanislaus; assistant forest rangers—Grover C. Cleveland, Inyo; Robert C. McKenzie, Sierra; forest clerks—Howard E. Clark, Kern; Merle J. Pettis, Sequoia.

DISTRICT 6.—W. E. Herring, district engineer, district office. Operation: Harold P. Gilkey, forest assistant, Whitman; Elmer W. Gribble, forest ranger, Oregon; assistant forest rangers—Amos O. Masiker, Chelan; Walter T. Morris, Ochoo; Carl C. Hill, Oregon; Clarence R. Pope, Snoqualmie; Carl E. Bell, Washington.

APPOINTMENT TERMINATED.

ACQUISITION.—David H. S. Tappan, M. Stuart Davis, examiners of survey.

DISTRICT 1.—Operation: Abel C. Berglund, forest ranger, Gallatin; Foster G. Smith, assistant forest ranger, Deerlodge.

DISTRICT 2.—Operation: B. Richard Ferris, clerk (stenographer and typewriter), Nebraska; Eugene M. Stone, assistant forest ranger, Uncompahgre.

DISTRICT 5.—Operation: Clerks (stenographers and typewriters)—Helen Lane, district office; Frances B. Frost, Eldorado; Ruth G. Trimble, Trinity; Sarah Loftus, clerk (typewriter), Stanislaus; Frank A. Wegner, field examiner, Mono.

DISTRICT 6.—Operation: Forest assistants—George L. Drake, and Wm. J. Paeth, Crater; George Y. Baker and Francis S. Fuller, Deschutes.

SUSPENDED.

DISTRICT 4.—Operation: James H. Johnson, forest ranger, Caribou.

DISMISSED.

DISTRICT 1.—Operation: Edgar C. Williams, assistant forest ranger, Coeur d'Alene.

With deep regret announcement is made of the following deaths: John D. F. Beard, forest ranger, Tonto National Forest, January 19; Raymond R. Rogers, forest ranger, Lincoln National Forest, March 18; Charles H. Evarts, clerk, district office, Albuquerque, N. Mex., February 16; Guy N. Hubbard, forest ranger, Malheur National Forest.

SERVICE NOTES FOR APRIL.

These notes contain instructions and necessary information to forest officers, and will therefore be carefully read and kept on file for reference.

LAW.

OFFICE OF THE SOLICITOR.

Law Cases in District 2—

The case of the United States *v.* Martin Farrell, involving a timber trespass on the Medicine Bow National Forest, was settled by the payment by defendant of \$29.08.

The case of the United States *v.* Lanphere-Hinrichs Company, involving a timber trespass on the Black Hills National Forest, was settled by the payment by defendant of \$203.26.

The case of the United States *v.* George Winters, involving a timber trespass on the Pike National Forest, was settled by the payment by defendant of \$99.21.

In the case of the United States *v.* Warshauer-McClure Sheep Co., Antonio Salazar, Carlota v. de Archuleta, and Guadalupe Salazar, involving a grazing trespass on the San Juan and Rio Grande National Forests, criminal proceedings against herders were dropped by Attorney General with approval of the Secretary of Agriculture upon payment of \$391.25 damages in civil case.

In the case of the United States *v.* George Korab, a temporary restraining order was granted by the court at Sioux Falls, S. Dak., on February 24, 1913, restraining Korab from cutting timber for sale from his homestead pending the final adjudication by the Interior Department of the adverse proceedings against his entry.

In the case of the United States *v.* John White, involving a violation of the State game laws of South Dakota, the defendant, on December 24, 1912, was bound over for trial before the circuit court at Deadwood, S. Dak., and released on \$1,000 bond. The case was set for trial on April 2, 1913.

In the case of United States *v.* Denver, Northwestern and Pacific Railway Company, wherein the Government sought to recover for damage done to mature live and dead timber and reproduction on the Arapaho National Forest by a fire started by one of the company's engines, a trial was held on January 28, 29, and 30, which resulted in a verdict of \$1,306.04 and costs in favor of the Government. The defendant company has filed a motion for a new trial upon the ground of newly discovered evidence.

Law Cases in District 3—

H. O. Bursum, grazing trespass (civil), Datil. Case closed on payment of \$87.64, value of the forage consumed.

Thomas Parker, timber trespass (civil), Ozark. January 20, 1913, confessed judgment for \$72.58, amount sued for; \$67 paid on judgment.

Manuel Gomez, grazing trespass (civil), Jemez. Settled for \$35 on demand of United States attorney.

Law Cases in District 4—

United States *v.* Hans Hansen Hedemark: Additional homestead entry, Cache National Forest. "P—Salt Lake City No. 010217 and 07877." The Commissioner of the General Land Office, March 1, 1913, decided that a squatter who had settled upon public lands prior to their inclusion within a National Forest, exhausted his right of entry in the matter of the lands settled upon where he had applied for, accepted the listing of, and entered $17\frac{7}{10}$ acres of such lands; that he could not make an additional entry of a portion of the lands settled upon by him unless the same was first listed by the Forest Service.

United States *v.* Loe Brothers: Breach of timber sale contract, Weiser National Forest. This case was settled by payment by the defendants of the sum of \$300.

United States *v.* Alexander Ross: Grazing trespass on the Payette National Forest. February 10, the defendant entered a plea of guilty to the information charging him with a grazing trespass and the court imposed a fine of \$10.

United States *v.* James L. Neilson: Grazing trespass on the Nebo National Forest. Defendant settled by payment of \$5 actual damages, \$15 punitive damages, and \$15.50 costs, making a total of \$35.50.

United States *v.* P. A. Quickert: Grazing trespass, Payette National Forest. Defendant settled as follows: Actual damages \$9.50, punitive damages \$12.50, costs \$25.32; making a total of \$47.32.

United States *v.* Beaver River Power Company: Occupancy trespass on the Fillmore National Forest. On March 31, 1913, Judge Marshal, of the Federal court for the district of Utah, decided that the defendant company could not maintain and operate its plant upon the Fillmore National Forest without first complying with the rules and regulations of the Secretary of the Department of Agriculture relating to power permits. The plant was constructed upon lands of the United States subsequent to the withdrawal of the same for National Forest purposes.

United States *v.* Utah Power & Light Company: Occupancy trespass on the Wasatch National Forest. On March 31, 1913, Judge Marshal, of the Federal court for the district of Utah, decided that the defendant company was entitled to maintain a pipe line or conduit, a reservoir and a steel pressure pipe line upon National Forest land without securing a permit, but that the defendant company was not authorized to maintain transmission lines, telephone lines, tramway, or buildings without securing a permit. The entire plant in this case was constructed upon public lands prior to their inclusion within a National Forest. The court held that the right to maintain the reservoir, conduit, and steel pressure pipe line vested under rights granted by sections 2339 and 2340 of the Revised Statutes.

United States *v.* Utah Power & Light Company: Occupancy trespass on the Cache National Forest. On March 31, 1913, Judge Marshal, of the district court for the State of Utah, decided that the defendant company had the right under sections 2339 and 2340 to maintain a flume and reservoir upon National Forest lands without permit. Such flume and reservoir were constructed upon public lands several years prior to the inclusion of the lands within the Cache National Forest.

Law cases in District 6—

United States *v.* Dixie Meadows Mining Co., timber trespass, Whitman National Forest; closed January 11, 1913, on receipt of check for \$799.08 from the company in

full settlement of the trespass against them. The company had previously paid \$440.65 in part payment.

United States *v.* F. A. Gaylord, grazing trespass, Wallowa National Forest; closed February 6 on payment of \$45 by the trespasser, the amount being a compromise of suit instituted for \$23.43 actual and \$50 punitive damages.

United States *v.* Antone Kestner and wife, fire trespass, Olympic National Forest. Defendants were indicted February 5, 1913, under sections 52 and 53 of the Penal Code. February 24 Mrs. Kestner pleaded guilty and the case against her husband was dismissed. The court fined Mrs. Kestner \$75 without costs. The civil case for damages to the amount of \$1,629.94 is still pending.

OPERATION.

Notice of Reward—

OFFICE OF THE SECRETARY,
UNITED STATES DEPARTMENT OF AGRICULTURE,
March 1, 1913.

Hereafter, during the fiscal year ending June 30, 1913, and thereafter, unless otherwise ordered, provided Congress shall make the necessary appropriation or authorize the payment thereof, the Department of Agriculture will pay not exceeding \$100 and not less than \$25, for information leading to the arrest and conviction in any United States court of any person charged with destroying or stealing any property of the United States within the custody of the Forester, Forest Service, United States Department of Agriculture.

This reward will be paid to the person or persons giving the information leading to such arrest or conviction upon presentation to the Department of Agriculture of satisfactory evidence thereof, subject to the necessary appropriation as aforesaid or otherwise as may be provided.

Officers and employees in the Department of Agriculture are barred from receiving such rewards.

The Department of Agriculture reserves the right to refuse payment of any claim for reward when, in its opinion, there has been collusion or improper methods used to secure arrest and conviction, and to allow only one reward where several persons have been convicted of the same offense or where one person has been convicted of several offenses, unless the circumstances have entitled the person to a reward on each conviction.

Applications for reward, made in pursuance of the above notice, should be forwarded to the Forester, Washington, D. C., but no claim will be considered unless presented within three months from the date of the conviction of an offender. In order that all claimants for rewards may have opportunity to present their claim within the prescribed limit, the department will not take action with respect to rewards for three months from the date of the conviction of an offender.

JAMES WILSON,
Secretary of Agriculture.

Schedule of Supplies for Ogden Supply Depot—

The Forest Service Supply Depot, Ogden, Utah, will have its own contract schedule of supplies for the next fiscal year. Bids for furnishing these supplies will be opened

in the Office of the Chief Clerk, Department of Agriculture, Washington, D. C., at 2 p. m. Friday, May 2, 1913. The awards will be made soon after that date and the forest supervisors will be notified regarding the contractors and prices for telephone equipment and barbed wire in order that they may be able to place their orders in time to insure early delivery at the beginning of the fiscal year.

Proclamation—

The proclamation of March 3, 1913, affecting the Kaniksu, Pend Oreille, and Payette National Forests, was issued in accordance with the cooperative agreement of October 4, 1911, between the Secretary of Agriculture and the governor of the State of Idaho, whereby the State relinquished its claim to 548,157 acres of unsurveyed school sections within the National Forests of the State of Idaho in lieu of approximately 193,000 acres of timber land, principally from within the Kaniksu National Forest, and the remaining, 355,157 acres, which will be selected by the State from the vacant public lands outside the National Forests suitable for grazing purposes and lying principally adjacent to Bannock, Bingham, and Bonneville Counties.

Portals—

It has been found desirable on some Forests to erect portals at the intersection of important highways and Forest boundaries, since they serve as a warning to large numbers of visitors who use the Forests for camping, hunting, fishing, and other recreation. It is probable that about 20 per cent of forest fires are caused by the carelessness of visitors, and some of this hazard may be decreased if they are made to realize when they have entered an area which is vigorously patrolled by forest officers.

There is no general order for the erection of portals nor has any allotment been made for such work. Some have been built under circumstances which involved no cost to the Government. If they are to be erected it is desirable that they shall serve a useful purpose and be dignified in appearance. Therefore several designs have been prepared, two of which have been issued to district foresters. Others may be prepared and issued as the demand for them arises.

Form 988, revised January 8, 1913—

In future all requisitions for photographic work or supplies must be made upon this revised form. Failure to do this will result in inconvenience and delay. Photographic films have been made expendable property, and since the keeping of charge and credit accounts has been discontinued, the photographer's record will in future be kept on the back of the revised form in the space provided for that purpose.

LANDS.

Settlement—Notification to Applicants of Exception Surveys—

Reference is made to the note on page 134 of the April, 1911, Field Program. Hereafter the practice of notifying applicants under the act of June 11, 1906, that they will be obliged to pay for the survey of strips excepted from lists filed upon their applications, will be discontinued. However, the usual notification to applicants that listings have been made subject to such exceptions should be continued.

Settlement—Notification to Applicants of Proposed Eliminations—

(Circular letter of January 30, 1913.)

The Forest Service has endeavored for some time to secure a ruling from the Interior Department that the elimination of land from a National Forest will not affect the status of areas previously listed under the act of June 11, 1906, or the preference right of the applicant thereto, prior to entry. That department, however, holds that the elimination of lands from a National Forest that have been previously listed under the act of June 11, 1906, and that have not been entered, restores these lands to the public domain for entry under the general public-land laws, and that the June 11 applicant has no preference right thereto, but that if such applicant is an occupant of the land at the time of the elimination, his preference right will be recognized. It also holds that the occupation under special-use permit will protect and preserve the preference right of such applicant.

In order, therefore, to protect the applicants within areas approved for elimination from the National Forests, the following procedure will hereafter be observed in the Washington office: As soon as any elimination is finally approved by the Forester and while the proclamation is being prepared, the office of boundaries will inform the branch of lands of the area which will be recommended for elimination. The section of status in the branch of lands will then secure a statement of all tracts listed under the act of June 11, 1906, within the area to be eliminated, which have not been opened to entry for more than 60 days. When this statement is secured, letters to the applicants concerned will be prepared in the branch of lands at the Washington office, advising them of the holding of the Interior Department as set forth in the first paragraph of this letter and that if they are not already occupying the lands for which they have applied they can protect and preserve their preference right by taking possession of such lands under a special-use permit. At the same time the district forester will be notified not to accept any further applications on the area to be eliminated.

Settlement—Amendments Nos. 157 and 158—

Attention is called to amendments Nos. 157 and 158 to the Claims Manual, which are now in print. These amendments modify the instructions with reference to the listing of small areas and with reference to the naming of preferred applicants in listing letters.

Settlement—Amendment of Lists—

On February 9, 1913, in the matter of amended list No. 44, the First Assistant Secretary of the Interior held that where a list under the act of June 11, 1906, had been opened to entry and such listing was afterwards amended by omitting some of the lands described in the original list, the lands thus omitted did not revert to the former condition of withdrawn lands upon the opening to entry of the lands described in such amendatory lists. This does not mean that lands listed under the act of June 11, 1906, but not entered, are not a part of the National Forest and subject to administration as such, but simply that lands which have been listed and opened to entry under that act are thereafter subject to entry by any qualified entryman without further action by this department.

Settlement—Indian Allotments of Listed Lands—

The Assistant Secretary of the Interior on March 14, 1913, in the case of L-Klamath, Settlement, Indian Allotment, Mrs. Annie Stevens, held that lands which have been listed under the act of June 11, 1906, are not subject to Indian allotment under the act of June 25, 1910 (36 Stat., 855).

SERVICE PUBLICATIONS ISSUED.

Bulletin 115. Mechanical Properties of Western Hemlock.

Bulletin 121. Forestation of the Sandhills of Nebraska and Kansas.

Bulletin 122. Mechanical Properties of Western Larch.

Bulletin 125. The Composite Type on the Apache National Forest.

Circular 211. Greenheart.

Circular 212. Circassian Walnut.

Circular 213. Mechanical Properties of Woods Grown in the United States.

Circular 214. Tests of Packing Boxes of Various Forms.

Circular 216. Effect of Forest Fires on Standing Hardwood Timber.

Unnumbered. Purchase of Land Under Weeks Law in Southern Appalachian and White Mountains (Revised).

Unnumbered. Review of Forest Service Investigations. Vol. I.

Unnumbered. National Forest Manual—Water Power.

